



FEEDLINE



BULLETIN OF THE CANTON AMATEUR RADIO CLUB

Affiliated with the "American Radio Relay League"

MAY....1988

PRES - Myron Koyle	N8DHT	SECY - Frank Paprzycki	KE8G
VICE PRES - Randy Phelps	KD8JN	EDITOR - Bill Parks	K8JZN
TREAS - Stan Friedman	NN8M	ASST - Mickie Parks	XYL

Trustees

Charles Scott	K8BYC	Robert Carswell	K8BMNE
Earl Snyder	W8AIU	Gerald Bloom	KE8MF
Kay McCune	W8LNK	Craig Stucker	K8BPNQ

The C A R C meets the third Wednesday of the month at 7:30 PM.

NEXT MEETING IS MAY 18TH at the Emergency Preparedness Center.

NOISE PROBLEM ON 147.12 REPEATER SOLVED

You probably have noticed this last month, how nice and quiet the CARDS repeater 147.12 has been. After a few months of everyone being annoyed by the on again, off again noise, that would bring up the repeater and at times hold it up till it timed out. Dave and Terry about pulled their hair out trying to find the source of the noise. Many others offered their ideas but none panned out.

Then one night when Dan K8BQZL got off work from the Broom Factory (Hoover Co.) the noise was doing its best to make the repeater useless. He started out driving toward the southwest of Canton, as Hershel K8BYMU mentioned he heard the noise on the input frequency. As he neared Hershel's area, Dan switched over to the input and there it was, the noise. After driving around in the direction of the increasing signal strength of the noise, he had to go to the hand-held, with the rubber duck, then he removed the rubber duck and still heard it. He determined the noise was coming from the vicinity of three houses on this street. He gave this report to Bill K8JZN, who informed Hershel of the location. Hershel took his hand-held and drove over to the area and removed the rubber duck and found the same spot that Dan had reported. Then Jack N8FEB and Pat N8FED (who live to the north of this area) also drove over and verified the location.

The next morning Brad N8AKZ, got off work and his curiosity got the best of him so he got Hershel and they drove to the street and using their hand-helds, narrowed the signal down to one house. The man of the house happened to be home so they explained what they were doing and all about the repeater problem. They were invited in to try to find the source.

Results, they determined the noise was coming from a TV antenna amplifier. Turning this off, the noise stopped. As the night air cooled off, the frequency drifted down to 147.72 and the repeater, with it's preamp, sensitive receiver and commercial antenna, heard it and everyone tuned on to 147.12 also heard it. That is what made it so difficult to locate, as the average home station and hand-helds could not hear anything on the input frequency.

A letter was sent to the gentleman for his much appreciated cooperation and his help in locating the problem. And of course our thanks go to all involved, Dan K80ZL, Hershel K8YMU and Brad N8AKZ, for their combined effort in locating and correcting the annoying problem.

LOST

On Saturday April 16th, the Stark County Bicycle Club held their annual Spring bicycle ride called Little Ohio Spring Tour (LOST). This consisted of three routes, one for 60 mile, one 35 mile and a 15 mile ride for the newcomers.

With snow on the ground, a temperature of 33 degrees and a wind chill factor of 14 degrees, you would think that the riders would be few. Not so, as 290 dedicated bicycle riders showed up for the event and went on the Tour. T-shirts were given and a nice patch to sew on their jacket and of course some red faces, cold fingers and toes but a good time was had by all. The event went very smoothly, with only a couple flat tires, a broken chain, a very cold rider that gave up and a sick man that was returned to the starting point, Tuslaw High School.

The seven local hams that provided the communications were Bill K8JZN, Dick K80OU, Gary WC8W, Donny N8IVJ, Gordy K4FID, Charlie K8BYC, and Earl W8AIU. Standing by if needed, were Rich K8ZQH and Ray K8RSP. Mel W8MV and a ham from Parma, were in the event.

Nelson W8EAR and Polly K80ZM stopped by to see how the event was going and decided to drive the route in the warmth of their car. They came across the fellow that became sick as he was riding in the cold. Polly, being a nurse, stopped and checked out the fellow and recommended he be transported back to the school where he could be observed and given a chance to warm up and relax a little. Thankfully, he got warmed up and recovered nicely.

The Fall Ohio Ups 'N Downs (FOUND) tour will be held on October 1st this year. Our communications is appreciated very much and the riders feel more comfortable riding the routes knowing that help is near by, if needed.

APRIL MEETING MINUTES

The April '88 meeting of CARC began at 7:29 PM with a round of introduction by about 48 members and guests.

TREASURER'S REPORT - Stan NNBM, our Treasurer and Stand-Up Comic, began his report by stating that he will not be seeking re-election this Fall. He distributed a few 15-cent copies of his financial report and almost cried when he was informed that he could have made 4-cent copies at Gestetner's, in North Canton.

Our checking account balance, as of meeting night, was \$1860.91, we had \$327.66 in savings and our CD is worth \$2118.32 for a total of \$4306.89. He also explained our Proposed Operating Budget and how our current budget compares to what was projected.

A motion was made to accept the report as read by Bob KABMNS, seconded by Jerry KE8MF and passed.

SECRETARY'S REPORT - Frank KE8G read the correspondence we received.

- 1- Portage Hamfair '88 on Sunday May 22nd at Randolph County Fairgrounds.
- 2- Goodyear Hamfest on June 12th at Wingfoot Lake Park.
- 3- A flyer from a company that makes a ring-rotator.
- 4- Raffle tickets for the Triple States ARC Hamfest in Wheeling, WV on July 17th in Wheeling Park. Anyone interested in raffle tickets, see Frank KE8G. They are \$2 each or 3 for \$5 for a chance on 10 nice prizes.

CARC'S RAFFLE - Prez Myron NBDHT mentioned our raffle again and explained what was discussed at the Executive Board Meeting. It was discussed again at the club meeting and a motion was made to give \$50 to the seller of the most tickets and \$50 to the seller of the winning ticket by John KE8NZ, seconded by Earl WABAIU and passed.

ELECTRONIC-FEST??? - We are still looking for possible sites and dates for a Hamfest-Electronic-Computer type of affair for 1989. By including the Electronic & Computer in the name, it is hoped that this will attract a larger crowd. We have not ruled out a Hamfest, but a suitable site, under roof (in case of bad weather), at a reasonable rental fee is about as scarce in Stark County as hens' teeth. What is available, is so expensive to rent, it is unfeasible to even consider and what is nearly reasonable, is inadequate for a Hamfest. A Hamfest is not to be entered into haphazardly, considering the money that it takes for rental, publicity, insurance, prizes, food, attraction of dealers, etc. Everything has to be perfect for a successful event. Stay tuned.....

OHIONET - Our club has been informed that a 220 digi-peater, linked with 2 meters & 440, is in the works at a Fohl Road site. CARC could get involved in this by purchasing a less-than-\$400 rig. Hopefully, the June meeting will produce more info about it.

PUBLIC SERVICE - Bill KBJZN explained that CARC is being inundated with requests to provide communications for more and more local activities. We are in need of a couple volunteers in the club to determine which ones we can participate in and which ones we cannot and to do the

coordinating.

FIELD DAY - Dave WDBFTU reported that preparations for Field Day '88, are all squared away at this time.

FRIDAY NOON LUNCHEON - Every Friday at noon, Walkers Restaurant next to the Hampton Inn. Everyone is welcome and bring your wives and girlfriends, but not both on the same date, Hi.

COFFEE & DONUTS - It was explained that these are paid-for with the proceeds from the 50-50 drawing and don't drain the club treasury.

QCWA 25TH ANNIVERSARY - The Canton Chapter 21 of QCWA will display old radios at the McKinley Museum and also set up a HF station to demonstrate Amateur Radio to the public, till May 25th.

CARC-SCOUTING CONNECTION - Hershel KABYMU mentioned that there could be a program worked out this Fall, where CARC would help Explorer Scouts become interested in Amateur Radio. It would be an excellent means of attracting newcomers to our hobby.

AMATEUR LICENSE RENEWAL - Bob NBAHJ reported that his Amateur License renewal only took 2 weeks from the time he sent it to Gettysburg. (Remember, if you have given your expiration date to KBJZN, our Secretary will mail you a 610 form as a reminder.)

50-50 DRAWING - \$15 was won by Wes NV8M. Congratulations Wes!

ADJOURNMENT - At 8:23 pm, the meeting was adjourned and everyone QSY'd to the kitchen for refreshments and eyeball QSO's.

Minutes recorded and prepared by Frank KE8G SEC.

WANTED - Computer monitor for club station to use on RTTY and Packet.
FOR SALE - 30 ft tilt-over aluminum tower, CDE rotator, Mosley TA-33Jr beam, Heath SB 200 Linear, Heath HD15 Phone Patch. Contact Chris KABYMT on 875-4929.

FOR SALE - Argonaut 509 (QRP), Mic, AC-5 Ant Tuner, manual \$245, ICOM IC25A 2 mtr mobile touchtone mic \$180, Power Supply 13.8V - 8 Amp, heavy duty \$35, Commodore 128, 2-1571 drives, 1902 RGB Color Monitor complete \$650. All items in very good condition. Contact Dick KC8OU on 494-7657.

FOR SALE - KLM 2700 Multimode 2 Mtr with 10 Mtr receiver for Satellite cross banding, 12 watts output, ICOM IC-211 2 Mtr All Mode 10 watt, ICOM IC-551 6 Mtr All Mode 10 watt, ICOM IC-701 160/10 Mtr 100 watt. Want to sell or trade for an ICOM IC-251 2 Mtr and IC-751 HF rig. Contact Rick WABTSU on 494-2589.

REPEATER STATISTICS FOR APRIL

Repeater Input Key-Ups	April 12,573	March 11,091
Minutes On-Air	" 2,327	" 2,338
Phone Patches Made	" 69	" 48
Mailbox accesses	" 0	" 2

THE "2400" FOOT TOWER

One day last fall, I was tuning across the bands and I heard the following story during a QSO, that will go down in my log book as an all-time classic. The subject of the QSO was about maintaining Amateur radio towers and the story went something like this:

"Well, I climb towers for a living and normally I enjoy it but today has been one of those days that I should have stayed in bed", said Lou. "What happened?", asked Joe. "Well", said Lou, "Today I had a tower light out on the top of a 300 foot stick. It looked like a routine job, so I belted up, put a new light bulb in my bag and climbed (First trip-300') to the top of the tower, only to find that the socket was bad. So, I climbed (2-600') back down to the truck and got a new socket and climbed (3-900') back up again.

While I was replacing the socket, I heard a crack of thunder and felt a few raindrops. I tied off the bag with the bulbs and started down (4-1200') the tower as fast as I could. About half way down, a strong gust of wind shook the tower. I looked up just in time to see the bag come untied, out came the bulbs and down they came right over my head at about Mach 2. I ducked inside the tower as they whizzed past. Just about the time they hit the ground, the rain came down in buckets and soaked me to the bone.

After the rain, I climbed dripping wet, (5-1500') back up to the top again with a new bulb and finished replacing the bad socket. Then I discovered that the new bulb was bad! My patience was wearing pretty thin at this point but, anyway, I climbed (6-1800') back down for a new bulb.

Up to the top (7-2100') again, I screwed in the new bulb and it finally checked out OK. Pleased with myself that I had outlasted the darn thing, I started back down (8-2400') the tower for the last time, wet, cold and hungry. I looked down and saw that I had left my lunch (in a paper bag) on the hood of the truck. I'll tell you Joe, that ruined my day. There ain't nothing worse than climbing 2400 feet straight up and down all morning and then having to eat soggy sandwiches for lunch!"

So, whenever you think you've got troubles climbing your little 30 foot backyard tower, just be glad it isn't 300 feet tall!

Keith Chambers, Sr., WBSSA

KEG'S KORNER

When I first became a Ham, I subscribed to a magazine entitled "Ham Radio Horizons", which I enjoyed reading and building things from.

The articles were interesting, easily understood and the projects were fairly simple to construct, using a minimum of tools found in almost any Amateur's household.

In late 1980, they stopped publishing Horizons and incorporated it into "Ham Radio" magazine, which they sent to fulfill the remainder of my subscription. It contained 8 to 12 page articles, such as, "Strip Line Impedance Characteristics", complete with calculus and quadratic equations, showing how results were arrived at. (real interesting stuff, Hi)

Needless to say, I got lost in this sea of boring mathematics and did not renew my subscription.

In more recent times, I have been receiving an 8-page publication from Icom called "Novice World", that contains article similar to the ones I used to enjoy in the now defunct Horizons.

Past issues have contained articles on home-brewing antennas for the new WARC bands, 220, 440 etc.

The latest issue that came in the mail, has articles on calculating amounts of operating times available from ni-cad battery packs, tips for Portable and Temporary Set-ups, DX Etiquette, how to say goodbye in 7 different languages, a simple-to-build Field-Strength Meter, plans for the G5RV antenna, a Portable Breakdown Antenna and of course, reviews on newest Icom gear. (closer to my speed; one notch above reverse. Hi agn)

If you would like to receive this free publication, drop Icom a card or letter and request to be put on their "Novice World" mailing list. Also, they'd like to know what class license you currently hold.

ICOM America, "Novice World"
2380 - 116th Ave NE
Bellevue, WA 98004

Frank KEBG

PROPER REPEATER USAGE

RULE 97.119 OBSCENITY, INDECENCY, PROFANITY

No licensed radio operator or other person shall transmit communications containing obscene, indecent, or profane words, language, or meaning.

Many Amateurs have lost their license for violating this rule. On a repeater, the license of the repeater trustee is also in jeopardy.

RULE 97.3 (b) AMATEUR RADIO COMMUNICATIONS. Non-commercial radio communications by or among Amateur radio stations solely with a personal aim and without pecuniary or business interest.

RULE 97.110 The transmission of business communications by an Amateur radio station is prohibited, except for emergency communications.

Autopatches involving the business affairs of any party must not be conducted AT ANY TIME. The content of any patch should be such that it is clear to any listener that business communications is NOT involved.